MARINE ECOLOGY
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Editor
Otto Kinne

Ecology Institute
Nordbünte 23 and 30, D-2124 Oldendorf/Luhe
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Assistant Editor: John Austin, Ecology Institute, Nordbünte 23, D-2124 Oldendorf/Luhe,
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ENVIRONMENTAL FACTORS

Alderdice, D., Dr.
Pacific Biological Station, Nanaimo, B.C. V9R 5K6, Canada
Responses to environmental stress

Dring, M. J., Dr.
Botany Dept, The Queen's Univ. of Belfast, Belfast BT7 1NN, Northern Ireland
Physiological ecology of algae

Fisher, N. S., Dr.
Dept of Oceanography, Brookhaven National Laboratory, Upton, Long Island, N.Y. 11973, USA
Physiological ecology of phytoplankton

Fowler, S. W., Dr.
International Laboratory of Marine Radioactivity, Musée Océanographique, MC 98000 Monaco
Environmental effects on invertebrates

Gunkel, W., Dr.
Biologische Anstalt Helgoland, D-2192 Helgoland, Federal Republic of Germany
Environmental effects on bacterial growth

Haedrich, R. L., Prof.
Memorial University of Newfoundland, St. John's, Nfld. A1B 3X9, Canada
Environmental effects on fishes

Lawrence, J., Prof.
Dept of Biology, Univ. of South Florida, Tampa, Fla 33620, USA
Physiological ecology of invertebrates

MacLeod, R. A., Prof.
Dept of Microbiology, MacDonald Campus of McGill Univ., MacDonald College, Que. H9X 1C0, Canada
Physiological ecology of microorganisms

Meyers, S. P., Prof.
Dept of Food Science, Louisiana State Univ., Baton Rouge, LA 70803, USA
Physiological ecology of microorganisms

Morita, R. Y., Prof.
Dept of Microbiology, Oregon State Univ., Corvallis, Oreg. 97331, USA
Environmental effects on microorganisms

Newell, R. C., Prof.
Institute for Marine Environmental Research, Prospect Place, The Hoe, Plymouth PL1 3DH, England
Environmental relations of intertidal animals

Paasche, E., Prof.
Dept of Biology, Univ. Oslo, Marine Botany, P.O.B. 1069, Blindern, N-0316 Oslo 3, Norway
Physiological ecology of phytoplankton

Reed, R. H., Dr.
The University of Dundee, Dept of Biological Sciences, Dundee DD1 3HN, United Kingdom
Physiological ecology of algae and cyanobacteria

Rheinheimer, G., Prof.
Institut für Meereskunde, Univ. Kiel, Düsternbrooker Weg 20, D-2300 Kiel, Federal Republic of Germany
Environmental effects on microorganisms

Riisgård, H. U., Dr.
Odense Universitet, Biologisk Institut, Campusvej 55, DK-5230 Odense M., Denmark
Environmental effects on invertebrates

Sammarco, P. W., Dr.
Australian Institute of Marine Science, P M B No. 3, Townsville M.S.O., Q. 4810, Australia
Experimental ecology; chemical ecology

Scheltema, R. S., Dr.
Woods Hole Oceanographic Institution, Woods Hole, MA 02543, USA
Reproduction of benthic invertebrates

Segal, E., Prof.
Dept of Biology, California State Univ., Northridge, Calif. 91330, USA
Physiological ecology of invertebrates

Sidell, B. D., Prof.
Dept of Zoology, Univ. of Maine at Orono, Murray Hall, Orono, ME 04469, USA
Physiological ecology of fishes

Southward, A. J., Dr.
The Laboratory, Citadel Hill, Plymouth PL1 2PB, England
Environmental effects on invertebrates

Syrett, P. J., Prof.
University of Wales, Singleton Park, Swansea, Wales, U.K.
Physiological ecology of phytoplankton

Vernberg, J., Prof.
Belle W. Baruch Institute for Marine Biol. and Coastal Res., Univ. of South Carolina, Columbia, S. C. 29208, USA
Physiological ecology of invertebrates

Winter, J. E., Dr.
Instituto de Zoología, Univ. Austral de Chile, Casilla 567, Valdivia, Chile
Physiological ecology of invertebrates

Woodhead, D. S., Dr.
Ministry of Agriculture, Fisheries and Food, Fisheries Radiobiological Lab., Hamilton Dock, Lowestoft, Suffolk NR32 1DA, England
Effects of radioactivity

ZoBell, C. E., Prof.
Scripps Institution of Oceanography, San Diego, P.O.B. 1529, La Jolla, Calif. 92093, USA
Environmental effects on microorganisms

PHYSIOLOGICAL MECHANISMS

Bayne, B. L., Dr.
Institute for Marine Environmental Research, Prospect Place, The Hoe, Plymouth PL1 3DH, England
Comparative physiology

Beardmore, J. A., Prof.
Univ. College of Swansea, Dept of Genetics, Singleton Park, Swansea SA2 8PP, U.K.
Adaptation; selection

Bonotto, S., Prof.
Centre d' Etude de l'Energie Nucléaire, Lab. du C.E.N./S.C.K., B-2400 Mol, Belgium
Cellular biology and sexuality

Bulnheim, H.-P., Prof.
Biologische Anstalt Helgoland, Palmaille 9, D-2000 Hamburg 50, Federal Republic of Germany
Metabolic performance of invertebrates; reproductive biology and sexuality

Costlow, J. D., Jr., Prof.
Duke University Marine Laboratory, Pivers Island, Beaufort, N.C. 28516, USA
Developmental physiology; endocrinology

Enright, J. T., Prof.
Scripps Institution of Oceanography, San Diego, P.O.B. 1529, La Jolla, Calif. 92093, USA
Biological rhythms

Forward, R. B., Jr., Dr.
Duke University Marine Laboratory Pivers Island, Beaufort, North Carolina 28516–9721, USA
Environmental zoo-physiology; behavior; biological rhythms

Gerking, S. D., Prof.
Dept of Zoology, Arizona State Univ.,Tempe, Arizona 85281, USA
Fish physiology

Holland, N. D., Prof.
Scripps Institution of Oceanography, San Diego, P.O.B. 1529, La Jolla, Calif. 92093, USA
Comparative, cellular and developmental physiology

Humphrey, G. F., Dr.
CSIRO Marine Biochemistry, Building A12, Sydney Univ., N.S.W. 2006, Australia
Photosynthesis; plankton biochemistry

Levandowsky, M., Dr.
Haskins Laboratories at Pace Univ., 41 Park Row, New York, N.Y. 10038, USA
Chemosensory mechanisms

Naylor, E., Prof.
School of Animal Biology, Univ. Coll. North Wales, Bangor, Gwynedd, LL57 2UW, U.K.
Behavioural physiology

Puiseux-Dao, S., Prof.
Laboratoire de Cytophysiologia végétale et de Toxicologie cellulaire, Université de Paris VII, 2, Place Jussieu, F-75251 Paris, France
Ecophysiology and toxicology of algae

Siebers, D., Dr.
Biologische Anstalt Helgoland, Palmaille 9, D-2000 Hamburg 50, Federal Republic of Germany
Comparative biochemistry and physiological ecology of invertebrates

Zhirmunsky, A. V., Prof.
Institute of Marine Biology, Vladivostok 690022, USSR
Mechanisms of cellular resistance and control

CULTIVATION

Bardach, J. E., Prof.
Dept of Geography, Univ. Hawaii at Manoa, 2424 Maile Way, Honolulu, Hawaii 96822, USA
General aspects of cultivation; aquaculture

Bonotto, S., Prof.
Centre d'Étude de l'Énergie Nucleaire, Lab. du C.E.N./S.C.K., B-2400 Mol, Belgium
Cultivation of multicellular algae including aquaculture

Lawrence, J., Prof.
Dept of Biology, Univ. of South Florida, Tampa, Fla 33620, USA
Nutrition of invertebrates

Levandowsky, M., Dr.
Haskins Laboratories at Pace Univ., 41 Park Row, New York. N.Y. 10038, USA
Microcosm cultures

Magne, F., Prof.
Univ. de Paris VI, Inst. de Biologie Végétale, UER 59, 7, Quai Saint-Bernard, F-75230 Paris, Cedex 05, France
Cultivation of algae, excluding aquaculture

Meyers, S. P., Prof.
Dept of Food Science, Louisiana State Univ., Baton Rouge, LA 70803, USA
Cultivation of microorganisms and crustaceans; aquaculture

Paffenhöfer, G.-A., Prof.
Skidaway Institute of Oceanography, Univ. System of Georgia, P.O.B. 13687, Savannah, Georgia 31416, USA
Cultivation of zooplankton

Pandian, T. J., Prof.
School of Biological Sciences, Madurai Kamaraj Univ., Madurai 625 021, Tamilnadu, India
Cultivation of decapods and fishes; Bioenergetics

Rheinheimer, G., Prof.
Institut für Meereskunde, Univ. Kiel, Düsternbrooker Weg 20, D-2300 Kiel, Federal Republic of Germany
Cultivation of microorganisms

Rosenthal, H., Dr.
Biologische Anstalt Helgoland, Palmaille 9, D-2000 Hamburg 50, Federal Republic of Germany
Cultivation of and environmental effects on fishes

Ryther, J. H., Dr.
Center for Marine Biotechnology, Harbor Branch Institution, RR 1, Box 196 A, Ft. Pierce, Fla 33450, USA
Cultivation of aquatic plants

Tseng, C. K., Prof.
Institute of Oceanology, Academia Sinica, 7 Nan-Hai Road, Qingdao, People's Republic of China
Aquaculture of seaweeds

Ukeles, R., Dr.
U.S. Dept of Commerce, NOAA, National Marine Fisheries Service, Northeast Fisheries Center, Milford Lab., 212 Rogers Ave, Milford, Conn. 06460, USA
Cultivation of unicellular algae

Westernhagen, H. von, Dr.
Biologische Anstalt Helgoland, Palmaille 9, D-2000 Hamburg 50, Federal Republic of Germany
Cultivation of crustaceans and fishes

Wildish, D. J., Dr.
Fisheries and Environmental Sciences Biological Station, St. Andrews, N. B., EOG 2X0, Canada
Bivalve aquaculture

Winter, J. E., Dr.
Instituto de Zoología, Univ. Austral de Chile, Casilla 567, Valdivia, Chile
Cultivation of invertebrates

ZoBell, C. E., Prof.
Scripps Institution of Oceanography, San Diego, P.O.B. 1529, La Jolla, Calif. 92093 USA
Cultivation of microorganisms

DYNAMICS

Arndt, E. A., Prof.
Wilhelm-Pieck-Universität Rostock, Sektion Biologie, Freiligrathstr. 7/8, DDR-2500 Rostock, German Democratic Republic
Ecological dynamics of brackish waters

Bak, R. P. M., Dr.
Nederlands Instituut voor Onderzoek der Zee, Postbox 59, Den Burg – Texel, The Netherlands
Coral-reef ecology

Banse, K., Prof.
Dept of Oceanography, Univ. Washington, Seattle, Wash. 98195, USA
Biological oceanography; plankton research

Berman, T., Prof.
Israel Oceanographic & Limnological Research Ltd., Tel Shikmona, P.O.B. 8030, Haifa 31080, Israel
Phytoplankton ecology

Bianchi, A., Dr.
Centre Nat. Rech. Scient. Ecologie et Biochimie Microbiennes du Milieu Marin, ER 223 3, Place Victor Hugo, F-13331 Marseille, France
Marine microbiology

Birkeland, C., Prof.
Univ. of Guam, Marine Laboratory, UOG Station, Mangilao, GUAM 96913
Coral-reef ecology

Bonner, W. N., Mr.
British Antarctic Survey, High Cross Madingley Rd, Cambridge CB3 OET, England
Polar ecology

Bravo de Laguna, J., Dr.
Instituto Español de Oceanografia, Alcalá, 27–4^0, E-28014 Madrid, Spain
Fishery biology; stock assessment

Bunt, J. S., Dr.
Australian Institute of Marine Science, P.O.B. 422, Malanda, Q. 4885, Australia
Mangrove systems; reef studies

Conover, R. J., Dr.
Marine Ecology Laboratory, Bedford Institute of Oceanography, P.O.B. 1006, Dartmouth, N.S. B2Y 4A2, Canada
Zooplankton biology

Cushing, D. H., Dr.
Ministry of Agriculture, Fisheries and Food, Fisheries Laboratory, Lowestoft, Suffolk NR33 OHT, England
Productivity of the sea; fish-population dynamics

Fenchel, T., Prof.
Institute of Ecology and Genetics, Univ. of Aarhus, Ny Munkegade, Building 550, DK-8000 Aarhus C, Denmark
Population biology; microbial ecology

Field, J. G., Prof.
University of Cape Town, Zool. Dept, Rondebosch 7700, Republic of South Africa
Dynamics of nearshore ecosystems

Floc'h, J. Y., Dr.
Lab. de Physiologie Végétale, Faculté des Sciences, Ave Victor le Gorgeau, F-29283 Brest, France
Nutrition of macroalgae

Gage, J. D., Dr.
Dunstaffnage Marine Research Laboratory, P.O.B. 3, Oban, Argyll PA34 4AD, Scotland
Benthos of deep sea and temperate coasts

Gerlach, S. A., Prof.
Institut für Meereskunde, Düsternbrooker Weg 20, D-2300 Kiel, Federal Republic of Germany
Benthos ecology

Golikov, A. N., Dr.
Zoological Institute, Academy of Sciences, Leningrad, V-164, USSR
Dynamics of biocoenoses

Gray, J., Prof.
Institutt for Marinbiologi og Limnologi, Postboks 1064, Oslo, Norway
Soft-sediment ecology

Haedrich, R. L., Prof.
Memorial University of Newfoundland, St. John's Nfld. A1B 3X9, Canada
Zoogeography

Harding, G., Dr.
Marine Ecology Laboratory, Bedford Institute of Oceanography, P.O.B. 1006, Dartmouth, N.S. B2Y 4A2, Canada
Crustacean ecology

Harris, G. P., Dr.
CSIRO Marine Laboratories, Division of Fisheries Research, Division of Oceanography, Castray Esplanade, Hobart, Tas. 7000, Australia
Phytoplankton ecology: community structure, pollution dynamics, productivity

Hessler, R. R., Dr.
Scripps Institution of Oceanography, San Diego, P.O.B. 1529, La Jolla, Calif. 92093, USA
Deep-sea ecology

Hoagland, K. E., Dr.
Lehigh University, Center for Environm. Studies, Chandler-Ullmann Hall 17, Bethlehem, Pa 18015, USA
Ecology and evolution of molluscs

Hoek, C. van den, Prof.
Biol. Centrum der Rijksuniversiteit te Groningen, Afd. Plantensystematiek, Kerklaan 30, Haren (Gr.), The Netherlands
Phytogeography

Holm-Hansen, O., Dr.
Scripps Inst. of Oceanography, Univ. of Calif., La Jolla, Calif. 92093, USA
Polar ecology

Hughes, R. N., Dr.
School of Animal Biology, Univ. College North Wales, Bangor, Gwynedd, LL57 2UW, U.K.
Ecological energetics (particularly feeding)

Kühlmann, D., Dr.
Museum für Naturkunde der Humboldt-Univ., Invalidenstr. 43, DDR 104 Berlin, German Democratic Republic
Coral-reef ecology

Lawrence, J., Prof.
Dept of Biology, Univ. of South Florida, Tampa, Fla 33620, USA
Reproduction of invertebrates

LeBrasseur, R. J., Dr.
Pacific Biological Station, Nanaimo, B. C. V9R 5K6, Canada
Feeding ecology of fishes

Levandowsky, M., Dr.
Haskins Laboratories at Pace Univ., 41 Park Row, New York, N.Y. 10038, USA
Ecological modelling; phytoplankton ecology

Levings, C., Dr.
West Vancouver Laboratory, 4160 Marine Drive, West Vancouver, B.C. V7V 1N6 Canada
Estuarine ecology of macrobenthos and fish

Lewis, J. B., Dr.
McGill University, 3620 University Street, Montreal, PQ H3A 2B2, Canada
Coral-reef ecology

Lewis, M. R., Dr.
Dept of Oceanography, Dalhousie University, Halifax, N. S. B3H 4J1, Canada
Biological oceanography; phytoplankton physiology

Mauchline, J., Dr.
Scottish Marine Biological Ass., Dunstaffnage Marine Res. Lab., P.O.B. 3, Oban PA34 4AD, Argyll, Scotland
Deep-sea ecology

Neushul, M., Prof.
Dept of Biological Sciences, Univ. of California, Santa Barbara, Calif. 93106, USA
Ecology of benthos algae

Newell, S. Y., Dr.
The University of Georgia, Marine Institute, Sapelo Island, Georgia 31327, USA
Ecology of fungi and bacteria

Nixon, Scott W., Prof.
Univ. Rhode Island, Graduate School of Oceanogr., Narragansett Bay Campus, Kingston, R.I. 02881, USA
Coastal ecology; nutrient dynamics; wetlands

Omori, M., Dr.
Tokyo University of Fisheries, Research Lab. of Fisheries Resources, 4-5-7, Konan, Minato-ku, Tokyo, 108, Japan
Biological oceanography, zooplankton

Paffenhöfer, G.-A., Prof.
Skidaway Institute of Oceanography, Univ. System of Georgia, P.O.B. 13687, Savannah, Georgia 31416, USA
Zooplankton ecology

Parsons, T. R., Prof.
Dept of Oceanography, Univ. of British Columbia, 6270 University Boulevard, Vancouver, B.C. V6T 1W5, Canada
Biological oceanography

Pearse, J. S., Prof.
Center for Coastal Marine Studies, Univ. of California, Santa Cruz, Calif. 95064, USA
Kelp forest ecology; reproductive ecology

Peterson, C. H., Prof.
Institute of Marine Science, Univ. N. Carolina at Chapel Hill, 3407 Arendell Street, Morehead City, N. C. 28557, USA
Marine benthic ecology

Pichon, M., Dr.
James Cook Univ. North Queensland, Q. 4811, Australia
Coral-reef ecology

Platt, T., Dr.
Marine Ecology Laboratory, Bedford Institute of Oceanography, P.O.B. 1006, Dartmouth, N.S. B2Y 4A2, Canada
Phytoplankton ecology

Rao, T. S. S., Dr.
National Institute of Oceanography, Biol. Div., Dona Paula – 403 004, Goa, India
Biological oceanography

Reise, K.
Biologische Anstalt Helgoland, D-2282 List/Sylt, Federal Republic of Germany
Benthos ecology

Sammarco, P. W., Dr.
Australian Institute of Marine Science, P M B No. 3, Townsville M.S. O., Q. 4810, Australia
Coral-reef ecology; benthic community ecology; ecology of fishes, echinoderms, coelenterates

Savidge, G., Dr.
The Queen's Univ. of Belfast, Marine Biology Station, The Strand, Portaferry, Co. Down, Northern Ireland
Phytoplankton ecology

Scarlato, O., Prof.
Zoological Institute, Academy of Sciences, Leningrad, V-164, USSR
Dynamics of biocoenoses

Scheltema, R. S., Dr.
Woods Hole Oceanographic Institution, Woods Hole, MA 02543, USA
Biogeography and evolution of benthic invertebrates

Sherr, B. & E., Drs
The University of Georgia, Marine Institute, Sapelo Island, Georgia 31327, USA
Microbial food webs

Skjoldal, H. R., Dr.
Institute of Marine Research, Postboks 1870, N-5011 Bergen-Nordnes, Norway
Food webs and trophic interactions

Southward, A. J., Dr.
The Laboratory, Cital Hill, Plymouth PL1 2PB, England
Rocky-coast ecosystems

Tenore, K. R., Prof.
Chesapeake Biological Laboratory, P.O.B. 38, Solomons, Maryland 20688-0038, USA
Benthic ecology and bioenergetics

Thayer, G. W., Dr.
Ecosystem Structure Branch, Southeast Fisheries Center, Beaufort, N. C. 28516-9722, USA
Wetlands ecology, incl. submerged seagrasses and emergent marshes

Tseng, C. K., Prof.
Institute of Oceanology, Academia Sinica, 7 Nan-Hai Road, Qingdao, People's Republic of China
Ecology of seaweeds

Underwood, A. J., Dr.
School of Biol. Sci., Univ. Sydney, Zoology Building, Sydney, N.S.W. 2006, Australia
Experimental intertidal and subtidal ecology

Wildish, D. J., Dr.
Fisheries and Environmental Sciences, Biological Station, St. Andrews, N. B., EOG 2X0, Canada
Benthic ecology; habitat assessment

Vinogradov, M. E., Prof.
P. P. Shirshov Institute of Oceanology, Academy of Sciences of USSR, 1, Letnaya (Ljublino), Mocow 109387, USSR
Oceanic plankton ecosystems

Wangersky, P. J., Prof.
Dept of Oceanography, Dalhousie Univ., Halifax, N.S., B3H 4J1, Canada
Organic matter in sea water; theoretical population dynamics

Warwick, R. M., Dr.
Institute for Marine Environmental Research, Prospect Place, The Hoe, Plymouth PL1 3DH, England
Structure and functioning of benthic communities; meiofaunal ecology

Zijlstra, J. J., Dr.
Nederlands Instituut voor Onderzoek der Zee, Postbox 59, Den Burg – Texel, The Netherlands
Food webs; population dynamics

OCEAN MANAGEMENT

Alderdice, D., Dr.
Pacific Biological Station, Nanaimo, B.C. V9R 5KR, Canada
Organismic responses to pollution

Bardach, J. E., Prof.
Dept of Geography, Univ. Hawaii at Manoa, 2424 Maile Way, Honolulu, Hawaii 96822, USA
Management of tropical marine environments; fisheries

Bayne, B. L., Dr.
Institute for Marine Environmental Research, 67/69 Citadel Road, Plymouth PL1 3DH, England
Stress and pollution

Beardmore, J. A., Prof.
Univ. College of Swansea, Dept of Genetics, Singleton Park, Swansea SA2 8PP, U.K.
Genetic effects of pollution

Bernhard, M., Dr.
ENEA, P.O.B. 316, I-19100 La Spezia, Italy
Radioactive and conventional pollution

Bryan, G. W., Dr.
Marine Biological Ass. of the U.K., The Laboratory, Citadel Hill, Plymouth PL1 2PB, England
Heavy metal pollution

Eisler, R., Dr.
U.S. Dept of the Interior, Fish and Wildlife Service, Office of Biol. Services, Washington, D.C., 20240, USA
Toxicology and pollution

Ernst, W., Prof.
Institut für Meeresforschung, Am Handelshafen 12, D-2850 Bremerhaven-1, Federal Republic of Germany
Pollution due to organic chemicals

Fisher, N. S., Dr.
Dept of Oceanography, Brookhaven National Laboratory Upton, Long Island, N.Y. 11973, USA
Pollutant effects on plankton

Fowler, S. W., Dr.
International Laboratory of Marine Radioactivity, Museé Océanographique, MC 98000 Monaco
Pollution effects on zooplankton; radioecology

Gray, J., Prof.
Institutt for Marinbiologi og Limnologi, Postboks 1064, Oslo, Norway
Pollution effects on benthos animals

Gulland, J. A., Dr.
Marine Resources Assessment Group, Centre for Environmental Technology, Imperial College, 48 Prince's Gardens, London SW7 1LU, England
Management of fishery resources

Gunkel, W., Dr.
Biologische Anstalt Helgoland, D-2192 Helgoland, Federal Republic of Germany
Oil degradation; oil pollution

Lasker, R., Dr.
US Dept of Commerce, NOAA, Southwest Fisheries Center, P.O.B. 271, La Jolla, Calif. 92038, USA
Fishery biology; fishery resources

Mauchline, J., Dr.
Scottish Marine Biological Ass., Dunstaffnage Marine Res. Lab., P.O.B. 3, Oban PA34 4AD, Argyll, Scotland
Radioactive pollution

Polikarpov, G. G., Prof.
Institute of Biology of South Seas, Academy of Sciences Uk. SSR, 2, Nahimov St., Sevastopol, 335000, USSR
Chemical ecology, radioecology, radiotracers, pollution

Riley, J. P., Prof.
Dept of Oceanography, Univ. of Liverpool, Liverpool L69 3BX, England
Marine pollution chemistry

Sherman, K., Dr.
US Dept of Commerce, NOAA, Northeast Fisheries Center, South Ferry Rd, Narragansett, R.I. 02882, USA
Fisheries ecology; fishery resources

Ukeles, R., Dr.
U.S. Dept of Commerce, NOAA, National Marine Fisheries Service, Northeast Fisheries Center, Milford Laboratory, 212 Rogers Ave, Milford, Conn. 06460, USA
Pollution effects on algae

Zijlstra, J. J., Dr.
Nederlands Instituut voor Onderzoek der Zee, Postbox 59, Den Burg – Texel, The Netherlands
Management of wadden-sea areas

MARINE ECOLOGY – PROGRESS SERIES

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